| <br>of Claims |
|---------------|
|               |

| App | lication | /Control | No. |
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10/035,605

Applicant(s)/Patent under Reexamination
HANN, WILLIAM P.

10/035,605 Examiner

er

Art Unit

Phirin Sam

2616

| ĺ | <b>√</b> | Rejected |
|---|----------|----------|
|   | 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A     | Appeal   |
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| <br>0 | Objected |

| Cla  | aim      | im Date         |           |              |          |              |  |              | Claim Date                                       |          |              |          |  |          |           | Claim Date |          |          |          |              |          |                 |            |          |         |            |          |          |           |           |               |
|--|----------|-----------------|-----------|--------------|----------|--------------|--|--------------|--|----------|--------------|----------|--|----------|-----------|------------|----------|----------|----------|--------------|----------|-----------------|------------|----------|---------|------------|----------|----------|-----------|-----------|---------------|
|  |          | $\vdash$        |           | Г            | <u> </u> | Ī            | Ť  |              | Γ  | П        |              |          |  |          |           |            |          |          |          |              | 1        | <u> </u>        |            |          | Т       | Т          | T        | Ť        |           | $\neg$    | Π             |
| <u></u>  | Original | g               | Ì         |              | l        |              | 1  |              | 1  |          | <u>a</u>     | Original |  |          |           |            |          |          |          | ١.           |          | <del>-</del>    | Original   |          |         |            | İ        |          |           | 1         | i             |
| Final  | į        | 8/4/06          |           |              |          |              |  |              | 1  |          | Final        | ij       |  |          |           |            |          | - 1      |          | - 1          |          | Final           | nigi       |          |         |            |          |          |           |           | ı             |
| -  | 0        | ື               |           |              |          |              |  |              |  |          | _            | 0        |  |          |           |            |          |          |          |              |          | -               | 0          |          |         |            | ĺ        |          |           |           | ı             |
| -  | 1        | =               | $\vdash$  | $\vdash$     | $\vdash$ | ┢            | H  |              |  | H        |              | 51       | -  |          | -         |            |          | $\neg$   | $\dashv$ | -            | ┪        |                 | 101        | -        | $\pm$   | +          | ╁        | -        | Н         | П         | _             |
| -  | 2        | =               | -         | <del> </del> | ╌        | ┢            | ╀╌   | $\vdash$     | -  | H        |              | 52       |  | Н        |           |            | Н        | $\dashv$ | -        |              | ┨        | <u> </u>        | 102        |          | +       | +          | $\vdash$ | H        | Н         | $\neg$    | _             |
| $\vdash$   | 3        | =               | -         |              | $\vdash$ | ┢            | ┢  | ╁            | $\vdash$   |          |              | 53       | ┢  | _        | $\vdash$  | Н          | Н        |          | $\dashv$ |              | ⊣        |                 | 103        |          | +       | ╁          | $\vdash$ | ┢        | Н         | Н         | $\overline{}$ |
| $\vdash$   | 4        | =               | ┝         | ┢            | ⊢        | ╁            | H  | ┢            | $\vdash$   | Н        | <u> </u>     | 54       | H  | -        |           |            | Н        | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\vdash$        | 104        | -        | ╁       | ╁╴         | ╁╌       | ╁        | Н         | $\vdash$  | _             |
| -  | 5        | =               | ┝         |              | -        | $\vdash$     | ┢  | -            | $\vdash$   | Н        |              | 55       |  |          | -         | H          | Н        | $\dashv$ | ᅱ        |              |          |                 | 105        |          | ┿       | ╁          | ┢        |          | Н         | $\neg$    | $\overline{}$ |
| $\vdash$   | 6        | =               | $\vdash$  | -            | $\vdash$ | ┢            | ┢  | ┢            | ├  | Н        | _            | 56       |  | -        | Н.        | Н          | $\vdash$ | $\dashv$ | $\dashv$ | -            | ┥        | <del></del>     | 106        | +        | ╁       | ╁          | ╁╌       | -        | Н         | $\vdash$  | _             |
|  | 7        | =               | $\vdash$  | -            | $\vdash$ | ╁            | ╁一   | <del> </del> | ┝  | Н        |              | 57       | $\vdash$   | _        | _         | -          | $\dashv$ | $\dashv$ | $\dashv$ | -+           | $\dashv$ |                 | 107        | $\dashv$ | ╁       | ╁╴         | ╁        | $\vdash$ | Н         | -         | _             |
|  | 8        | =               | $\vdash$  | ┢            | ┢        | $\vdash$     | ┢  | $\vdash$     | -  | Н        | $\vdash$     | 58       |  |          | _         | $\vdash$   | $\vdash$ | $\dashv$ | 寸        | $\dashv$     | -        |                 | 108        | $\dashv$ | ╈       | +          | $\vdash$ | <u> </u> | $\vdash$  | $\neg$    | _             |
|  | 9        | 1               | $\vdash$  | $\vdash$     | ┢        | $\vdash$     | $\vdash$   | ╁            | ┢  | Н        | <b>—</b>     | 59       |  |          | Н         |            | Н        | $\dashv$ |          | $\dashv$     | -1       |                 | 109        |          | ┿       | +          | ╁        | $\vdash$ | Н         |           |               |
| $\vdash$   | 10       | V               | H         | -            | $\vdash$ | H            | ⊢  | ┢            | <del>                                     </del> | Н        |              | 60       |  | $\vdash$ | H         | $\vdash$   |          | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ |                 | 110        | $\dashv$ | +       | 十          | -        | ┝╌       | Н         | $\vdash$  | _             |
| <del>                                     </del> | 11       | V               | $\vdash$  | -            | -        | ┢            | <del>                                     </del> | ├            | $\vdash$   | H        |              | 61       | _  |          | H         | $\vdash$   |          | $\dashv$ | $\dashv$ | $\dashv$     |          | _               | 111        | $\dashv$ | ┿       | ╁╴         | +-       | -        | $\vdash$  | $\vdash$  | _             |
| <b></b>  | 12       | 7               | $\vdash$  | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$ | <b></b>      | 62       |  | $\vdash$ | Н         | H          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ |                 | 112        | $\dashv$ | +       | +          | $\vdash$ | $\vdash$ | $\vdash$  |           | _             |
| <b>—</b>   | 13       | <u>√</u>        | $\vdash$  | $\vdash$     | $\vdash$ | -            | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$ | <b>—</b>     | 63       | $\vdash$   |          | H         | Н          | $\vdash$ |          | $\dashv$ | $\dashv$     | $\dashv$ | $\vdash$        | 113        | -        | +       | +          | $\vdash$ | Н        | $\vdash$  | -         | _             |
| <del></del>                                      | 14       | <b>√</b>        | $\vdash$  | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$ | <del> </del> | 64       | _  |          | Н         | Н          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\vdash \vdash$ | 114        | -        | +       | +          | +        | $\vdash$ | $\vdash$  | $\neg$    | _             |
| -  | 15       | 1               |           | ┢            | $\vdash$ | $\vdash$     | $\vdash$   | ┢            | ┢  | H        | $\vdash$     | 65       | $\vdash$   | _        | -         | -          |          | $\dashv$ | -        | -            | $\dashv$ |                 | 115        |          | +-      | ╁          | ┢        | ┢        | -         | $\dashv$  | _             |
|  | 16       | <u> </u>        | $\vdash$  | ┢            | -        | ┝            | ┢  | ├            | -  |          | <b></b>      | 66       | -  | -        | -         | $\vdash$   |          | $\dashv$ | +        |              | -        | <u> </u>        | 116        | -        | +-      | ╁╴         | ╁        | H        | $\vdash$  | П         | _             |
| <del> </del>                                     | 17       | =               |           | ┢            | ⊢        | <del> </del> | $\vdash$   | ├            | ├  | Н        | -            | 67       | -  |          |           |            |          |          | $\dashv$ |              | $\dashv$ | <u> </u>        | 117        | +        | +       | +          | ┼        | ├-       | Н         | $\dashv$  |               |
| <u> </u>   | 18       | =               | _         | -            | -        | -            |  | $\vdash$     | $\vdash$   | H        | -            | 68       | -  | _        |           | -          |          |          | $\dashv$ | -+           | -1       | ├─              | 118        | +        | +-      | +-         |          | $\vdash$ | Н         | $\dashv$  |               |
| -  | 19       | =               | _         | <u> </u>     | ┝        | ⊢            | ⊢  | ├            |  | Н        |              | 69       | -  | _        |           | Н          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\vdash$        | 119        | -        | +       | ╁          | ├        | ┝        | Н         | $\vdash$  |               |
| -  | 20       | =               |           | <u> </u>     | -        |              | <del> </del>                                     | ⊢            | ┢  | $\vdash$ |              | 70       | -  | _        | _         | -          |          | -        | $\dashv$ | $\dashv$     | -        | -               | 120        | +        | +       | ╁          | -        | ⊢        |           | $\dashv$  |               |
| -  | 21       | =               |           | H            | ├        | ├            |  | ⊢            | -  |          | -            | 71       | -  |          |           | Н          | $\vdash$ |          |          | $\dashv$     | -        | -               | 121        |          | ╁       | ╁          | ├        | ⊢        | $\vdash$  | _         | _             |
| <u> </u>   | 22       | -               |           | _            | ├        |              | <del> </del>                                     | ⊢            | -  |          |              | 72       | -  | -        |           |            |          | -        | -        |              | -        |                 | 122        |          | +-      | +          | -        | -        |           | $\vdash$  | _             |
| $\vdash$   | 23       | - 1             |           | _            | <u> </u> | ┢            | ├  | ┢            | ⊢  |          | <u> </u>     | 73       | <del>                                     </del> | _        | $\vdash$  | -          | Н        |          |          |              | -        | <u> </u>        | 123        | -        | +       | ╁          | ⊢        | ⊢        | H         | _         | -             |
| -  | 24       | 1               |           | _            | -        | ⊢            | <del> </del>                                     | ├            | -  | H        |              | 74       | H  |          | $\vdash$  | $\dashv$   | Н        | -        | $\dashv$ |              |          | <u> </u>        | 124        |          | +-      | +-         | $\vdash$ | ⊢        | _         | $\dashv$  | _             |
|  | 25       | -               | -         |              | _        | ┢            | $\vdash$   | ⊢            |  | H        | -            | 75       | -  |          | -         | -          | $\dashv$ | -        | -        | <del>-</del> |          |                 | 125        |          | +       | ┼          | -        | ⊢        | _         |           | _             |
| -  | 26       | -               |           | <u> </u>     |          | -            | _  | ⊢            | -  | Н        | -            | 76       |  |          |           | $\dashv$   | $\vdash$ | $\dashv$ | -        | -            | $\dashv$ |                 | 125        | +        | +       | +-         | ├-       | H        | -         | -         | _             |
| <b></b> -  |          | =               | _         |              |          | -            | ⊢  | _            | _  | $\vdash$ | ├            |          |  |          |           |            | $\dashv$ | $\dashv$ |          | -            |          |                 |            | +        | +       | ╀          | ┢        | ┢        | -         |           | _             |
|  | 27       | =               | _         |              | _        | ┝            | $\vdash$   | ⊢            | -  | Н        | -            | 77       | _  |          | -         | $\dashv$   | $\dashv$ |          |          |              | 4        | <b> </b> -      | 127<br>128 | +        | +       | ┼          | ┢        | L        |           |           | _             |
|  | 28       | Ē               | -         | _            |          |              | <u> </u>   | <u> </u>     | _  | _        |              | 78       | _  |          | _         |            |          |          | $\dashv$ | -            | 4        | ├─              |            |          | +       | ╀          | ⊢        | <u> </u> |           | -         | _             |
|  | 29       |                 | _         |              | _        | _            | -  | <u> </u>     | _  | _        |              | 79       | <b> </b>   |          | -         | $\vdash$   | $\dashv$ | -        | -        |              | -        |                 | 129        |          | +       | ╀          | ├        | <u> </u> |           | $\dashv$  |               |
| -  | 30       | _               | -         |              | <u> </u> | <u> </u>     | _  |              | _  | _        | <u> </u>     | 80       | <u> </u>   |          |           | -          | $\dashv$ |          | $\dashv$ | -            |          | ļ               | 130        |          | +-      | -          | $\vdash$ | L        |           | _         |               |
|  | 31       | _               | Ш         | _            | _        | ⊢            | -  | —            | _  |          |              | 81       | ⊢  | _        | -         | $\dashv$   |          | $\dashv$ | $\dashv$ |              |          |                 | 131        | +        | +       | -          |          | L        |           | $\dashv$  |               |
| <u> </u>   | 32       | _               | Ш         | $\vdash$     | _        | <u> </u>     | _  | <u> </u>     | _  | 4        | <u> </u>     | 82       | <u> </u>   |          | _         |            | _        |          |          | +            | 4        | <u> </u>        | 132        |          | +       | +          | _        |          |           | 4         | _             |
| <u> </u>   | 33       | <u> </u>        | $\vdash$  | _            |          | <u> </u>     | _  | <u> </u>     | _  | $\Box$   |              | 83       |  | _        |           |            |          | _        | _        | $\dashv$     | -        |                 | 133        |          | +       | +-         | -        | $\vdash$ |           |           |               |
|  | 34       | Ш               | Ш         |              |          | <u> </u>     |  | $\vdash$     | $\vdash$   |          | <u> </u>     | 84       | <b> </b>   | Щ        | Щ         | $\sqcup$   |          | _        |          | _            | $\dashv$ |                 | 134        |          | +-      | +          |          | $\vdash$ | $\square$ |           |               |
| <u> </u>   | 35       | $\vdash$        | Ш         | Ш            | _        | $\vdash$     | $\vdash$   | _            | $\vdash$   | $\dashv$ | <u></u>      | 85       | H  | _        | $\dashv$  | _          | _        | 4        | _        | _            | $\dashv$ |                 | 135        | _        | +       | +-         | ₩        | Н        |           |           |               |
|  | 36       | Щ               | Ш         | _            | _        | $\vdash$     |  | $\vdash$     | $\vdash$   | $\vdash$ |              | 86       | <u> </u>   | Щ        |           |            |          |          | _        | _            | $\dashv$ |                 | 136        | - -      | +       | +          | ⊢        | Ш        |           |           | _             |
|  | 37       | Щ               | $\vdash$  | $\square$    | <u> </u> | ⊢            |  | <u> </u>     | <u> </u>   | $\Box$   |              | 87       |  |          | $\sqcup$  | $\sqcup$   | _        |          | _        |              | 4        |                 | 137        | $\dashv$ | +-      | ┼          | <u> </u> | _        |           | $\dashv$  |               |
|  | 38       | Щ               |           |              |          | <u> </u>     | <u> </u>   | $\vdash$     | <u> </u>   |          |              | 88       |  |          | $\square$ |            | _        |          | _        | _            | 4        |                 | 138        | _ _      | +       | 1          | Ŀ        | $\vdash$ |           | $\square$ |               |
|  | 39       | <u> </u>        | $\Box$    | _            | _        |              |  | <u> </u>     | <u> </u>   | $\Box$   | -            | 89       | <u> </u>   |          |           |            |          |          | _        | -            | 4        |                 | 139        |          | +-      | ╀          | <u> </u> | $\vdash$ |           | _         | _             |
| <u> </u>   | 40       | Щ               | $\square$ |              |          | $\vdash$     | <u> </u>   |              | _  | _        |              | 90       | <u> </u>   |          | $\square$ | _          | _        |          | _        | -            | 4        |                 | 140        | -        | +       | $\perp$    | $\vdash$ | Ш        |           |           | _             |
| <b>—</b>   | 41       | $\vdash \vdash$ |           |              |          |              | H  | $\vdash$     | <u> </u>   | $\dashv$ | <u> </u>     | 91       | <u> </u>   | _        |           | _          |          | _        | _        |              | 4        |                 | 141        | $\dashv$ | +       | +-         | <u> </u> | Ш        | _         | _         | _             |
| <u> </u>   | 42       | Ш               | Щ         | Щ            |          | -            | $\vdash$   | $\vdash$     | <u> </u>   | $\dashv$ |              | 92       | <u> </u>   | _        |           | 4          |          |          | _        | 4            | 4        |                 | 142        | —⊢       | +-      | +          | L        | Н        | ļ         | _         | _             |
| <u></u>  | 43       | Щ               |           |              |          |              | Ш  | $\vdash$     | L  | _        |              | 93       |  | _        | $\dashv$  |            |          | 4        |          | 4            | 4        |                 | 143        | $\dashv$ | +-      | +          |          | Ш        | _         | _         |               |
| <u></u>  | 44       |                 | $\dashv$  |              |          | <u> </u>     |  | $\vdash$     | <u> </u>   | $\dashv$ |              | 94       | Щ  |          |           | _          | _        |          | _        | $\bot$       | 4        |                 | 144        | _        | 4       | 4_         | $\vdash$ |          | _         |           | _             |
|  | 45       | L.,             | _         |              |          | _            | Ш  | $\vdash$     | <u> </u>   |          | <u></u>      | 95       | Щ  |          | _         | _          |          | _        | _        | _            | 4        |                 | 145        | _        | +       | 1          | <u> </u> | Ш        | _         |           |               |
| <u></u>  | 46       |                 |           |              |          | L-           |  | <u> </u>     | <u> </u>   |          | <u></u>      | 96       | $\sqcup$   | _        | _         |            | _        | _        | _        |              | 4        |                 | 146        |          | -       |            | <u> </u> | Ш        |           |           |               |
|  | 47       |                 | _         | Щ            |          | _            | Щ.   | Ш            | _  |          | <u></u>      | 97       | Щ  |          | _         | _          | _        | _        | _        | _            | 4        |                 | 147        |          | _       | <b> </b> _ | L_       | Ш        |           | Щ         |               |
| <u></u>  | 48       |                 | _         |              |          | _            | Ш  | Ш            | _  |          | L            | 98       | Ш  |          |           | _          | _        | _        | _        |              | -        |                 | 148        |          | $\perp$ | <u> </u>   | <u> </u> | Ш        |           | $\Box$    |               |
| <u> </u>   | 49       |                 | _         |              |          | Ш            | Щ  | Щ            | $\Box$   |          | L            | 99       | Ш  | _        | _         | _          |          | _        |          | $\bot$       | 4        |                 | 149        | $\perp$  |         | ↓_         | Ŀ        | Ш        | _         | Ц         |               |
|  | 50       |                 |           |              |          | 1.           | 1 ]  |              | ١.   |          | 1 :          | 100      |  | - 1      | - 1       |            | - 1      | - 1      | - 1      | - 1          | 1        |                 | 150        |          | 1       | 1          | 1        |          | Ī         | I         |               |